

Fig. 1

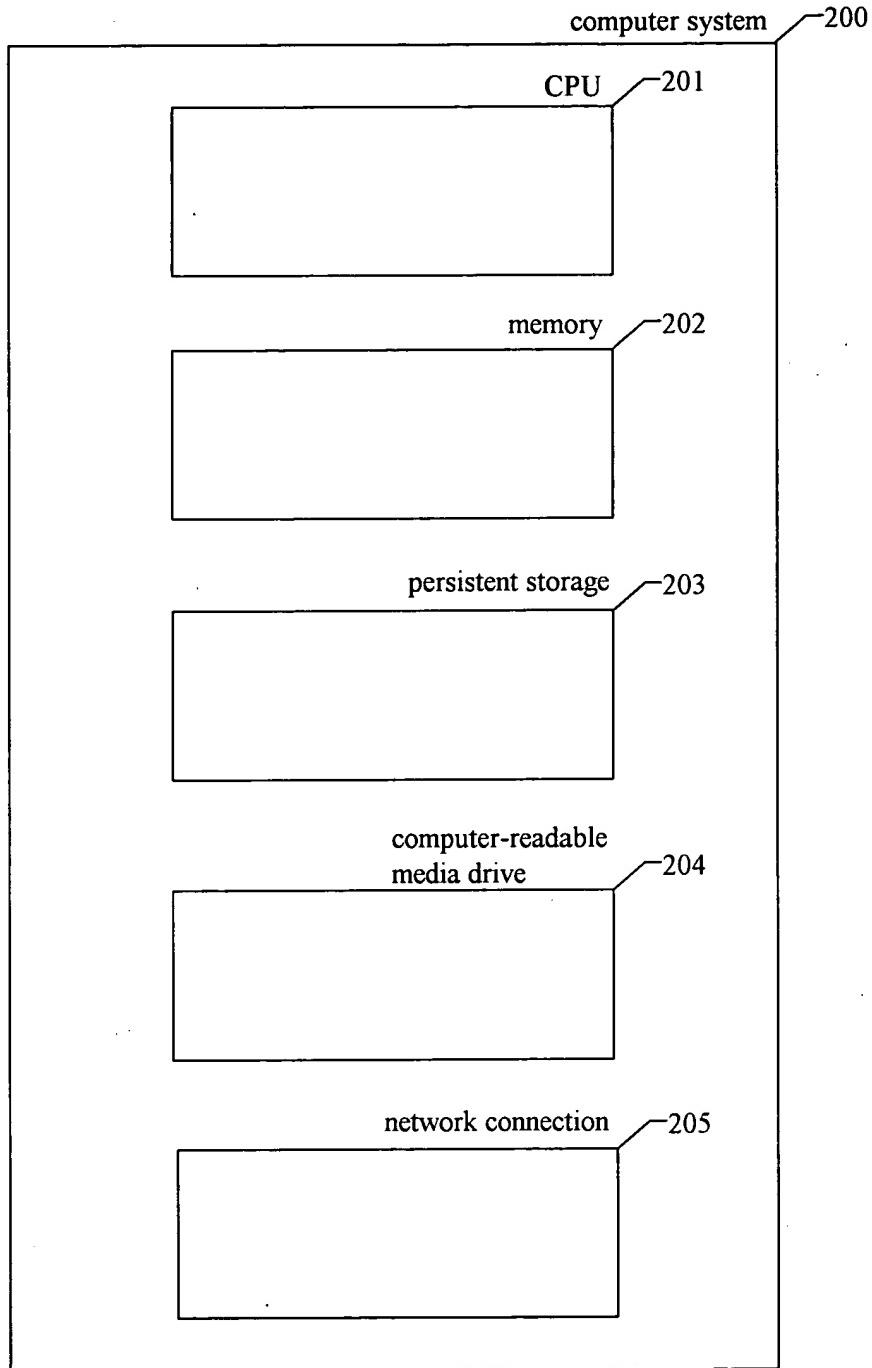


Fig. 2

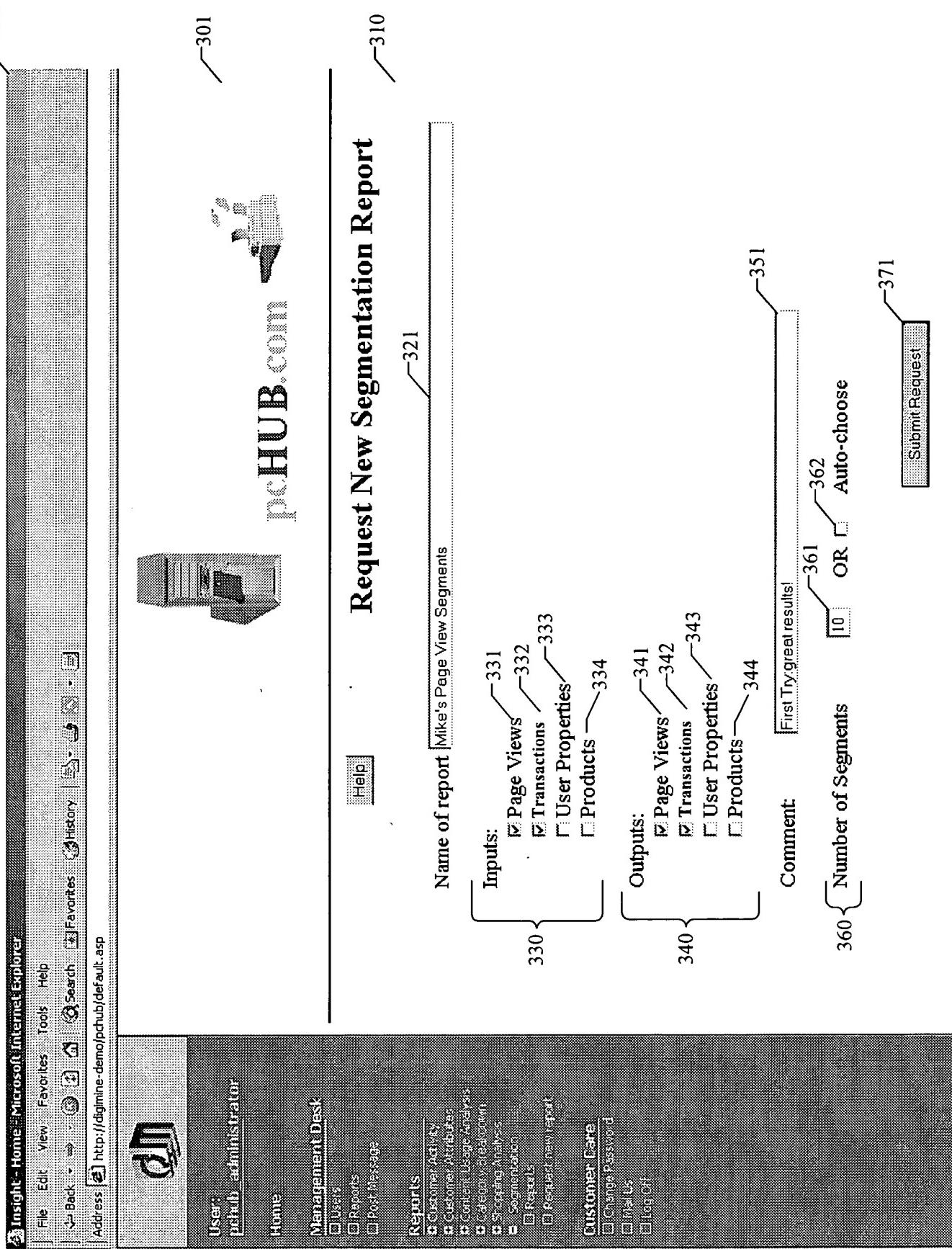


Fig. 3

342818008/Fig.3.vsd

Fig. 4A

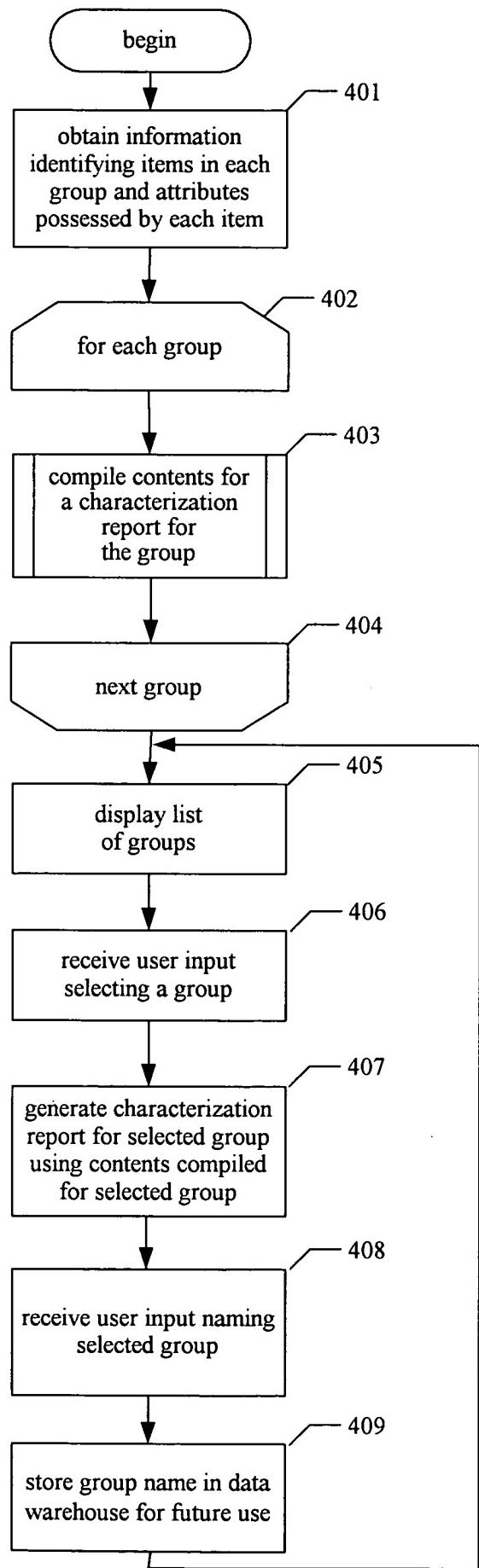
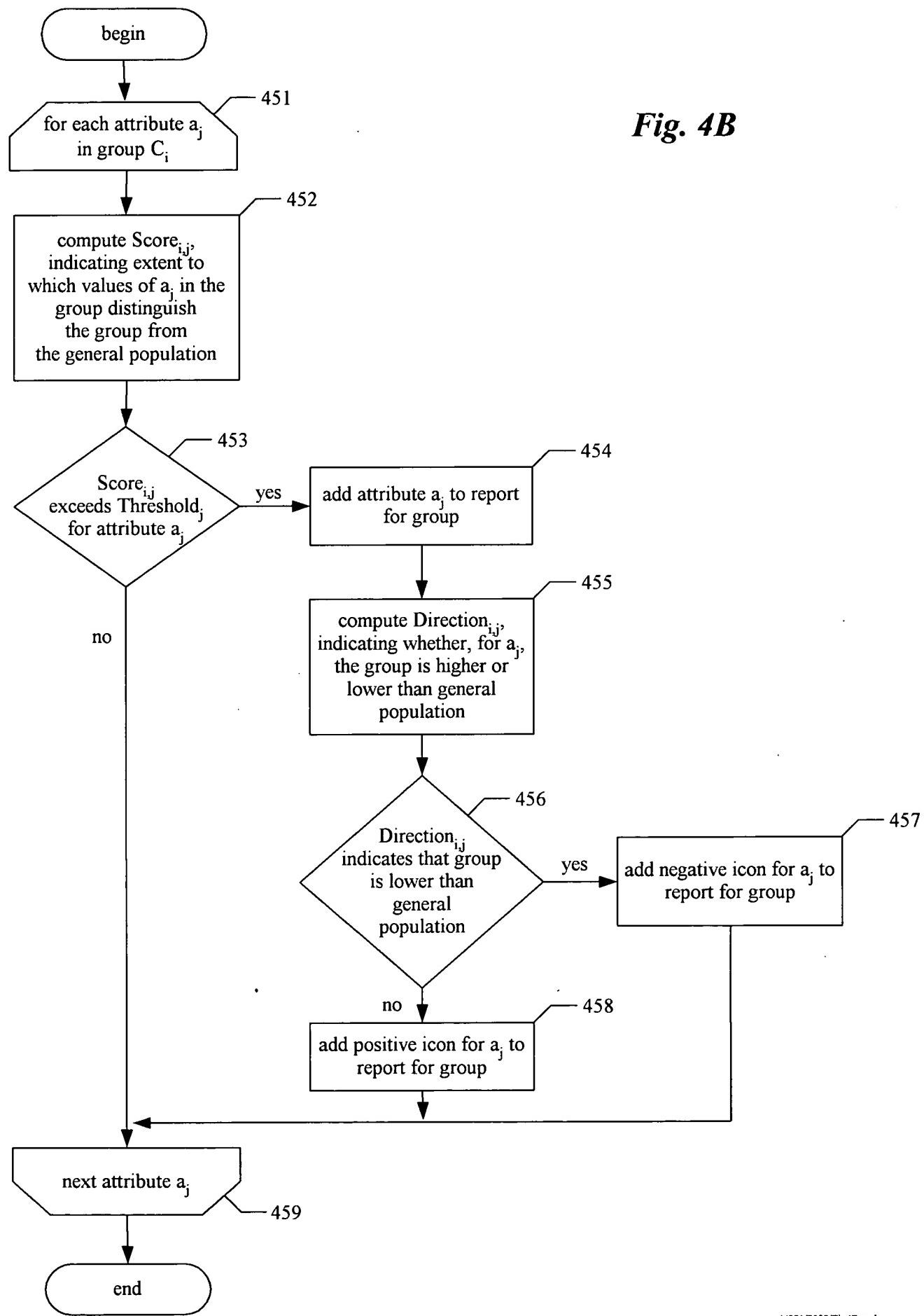


Fig. 4B



501 502 503 User Group Table 500

Group	User ID	User Attributes
⋮		
510	3	5
511	3	16
512	3	63
513	3	64
515	3	65
515	3	67
516	3	69
517	3	84
518	3	89
519	3	90
⋮		
520	4	6
521	4	7
522	4	26
523	4	44
524	4	46
525	4	52
526	4	55
⋮		

Fig. 5

Attributes
Table

Attribute	Threshold	Icon ID	Positive Icon Image	Negative Icon Image
ViewedHomePage	80	1		
CheckedOrderStatus	41	2		
PurchasedAnyProduct	50	3		
UsedCoupon	70	4		
ViewedAdventureGamePage	55	5		
PurchasedAdventureGame	55	6		
ViewedRacingGamePage	60	5		
Purchased Racing Game	60	6		
ViewedNetworkCardPage	72	5		
PurchasedNetworkCard	72	6		
ViewedHardDrivePage	71	5		
PurchasedHardDrive	68	6		

Fig. 6

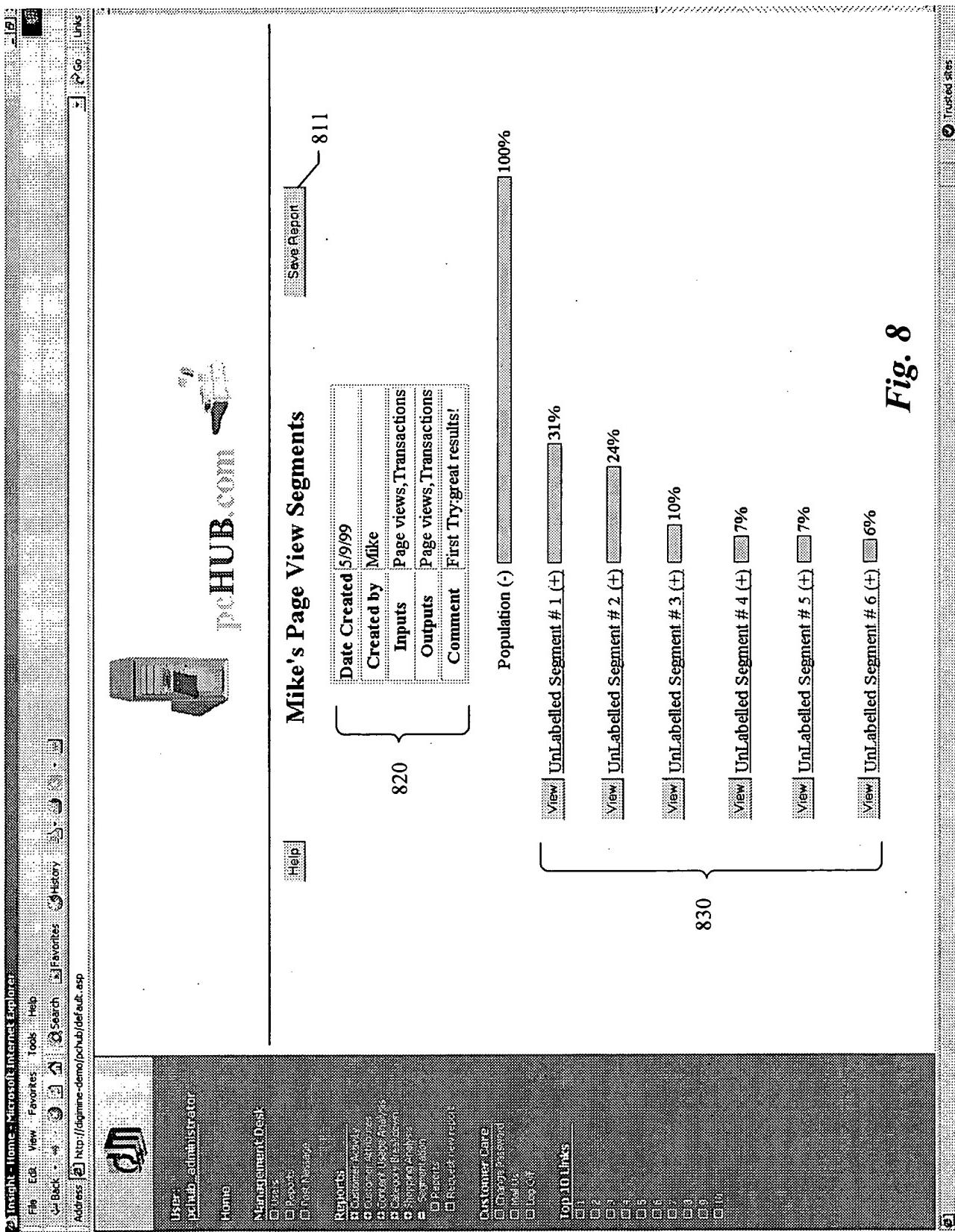
A 2x2 contingency table illustrating cluster membership based on attribute a_j . The columns represent 'In C_i ' and 'Not in C_i '. The rows represent 'True' and 'False'. The table entries are labeled a , b , c , and d .

	Cluster Membership	
Attribute a_j	In C_i	Not in C_i
True	a	b
False	c	d

Annotations:

- 700: Points to the top-right corner of the table.
- 701: Points to the bottom-left corner of the table.
- 702: Points to the right edge of the table.
- 703: Points to the bottom edge of the 'In C_i ' column.
- 704: Points to the bottom edge of the 'Not in C_i ' column.

Fig. 7



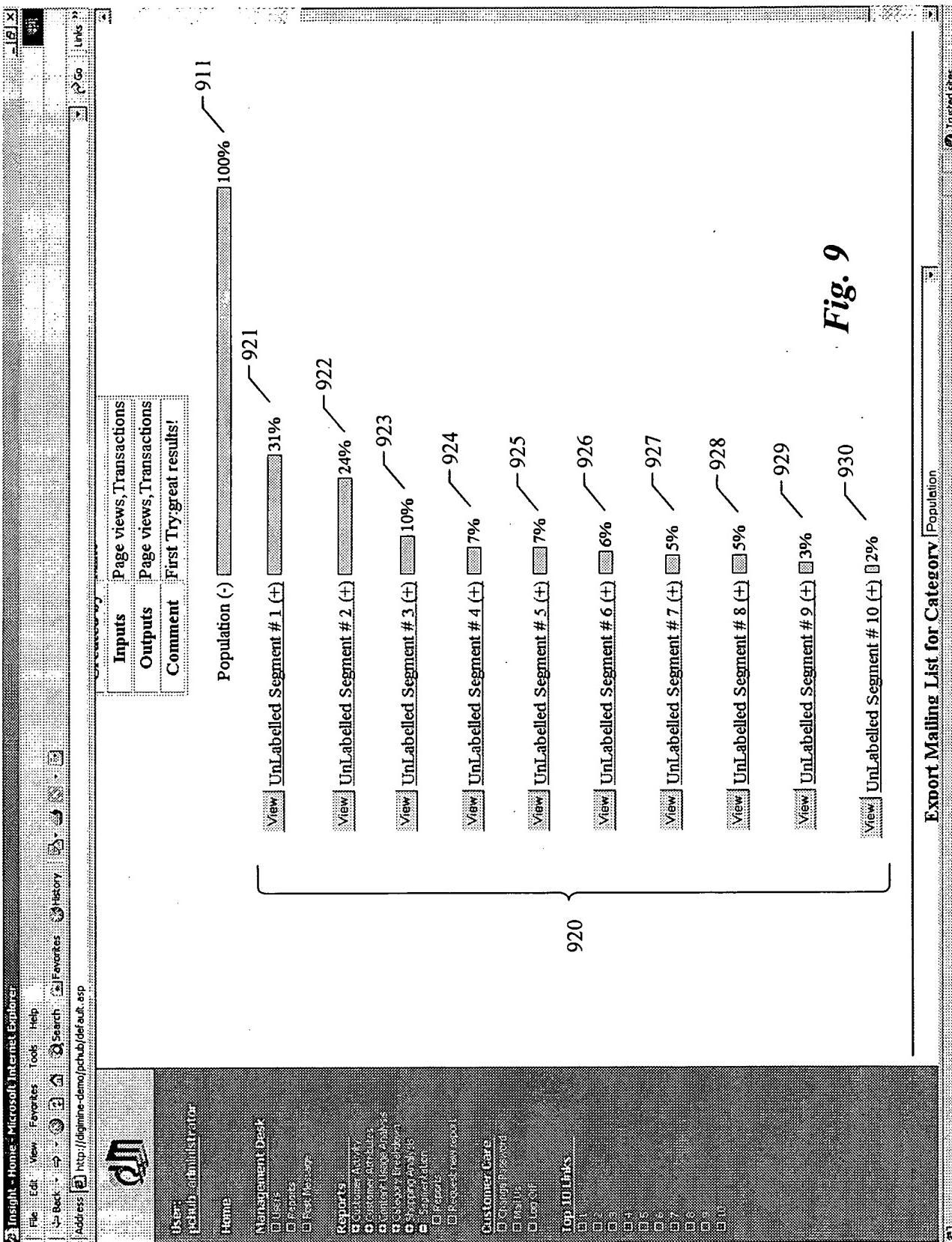


Fig. 9

Export Mailing List for Category [Population] Trusted sites

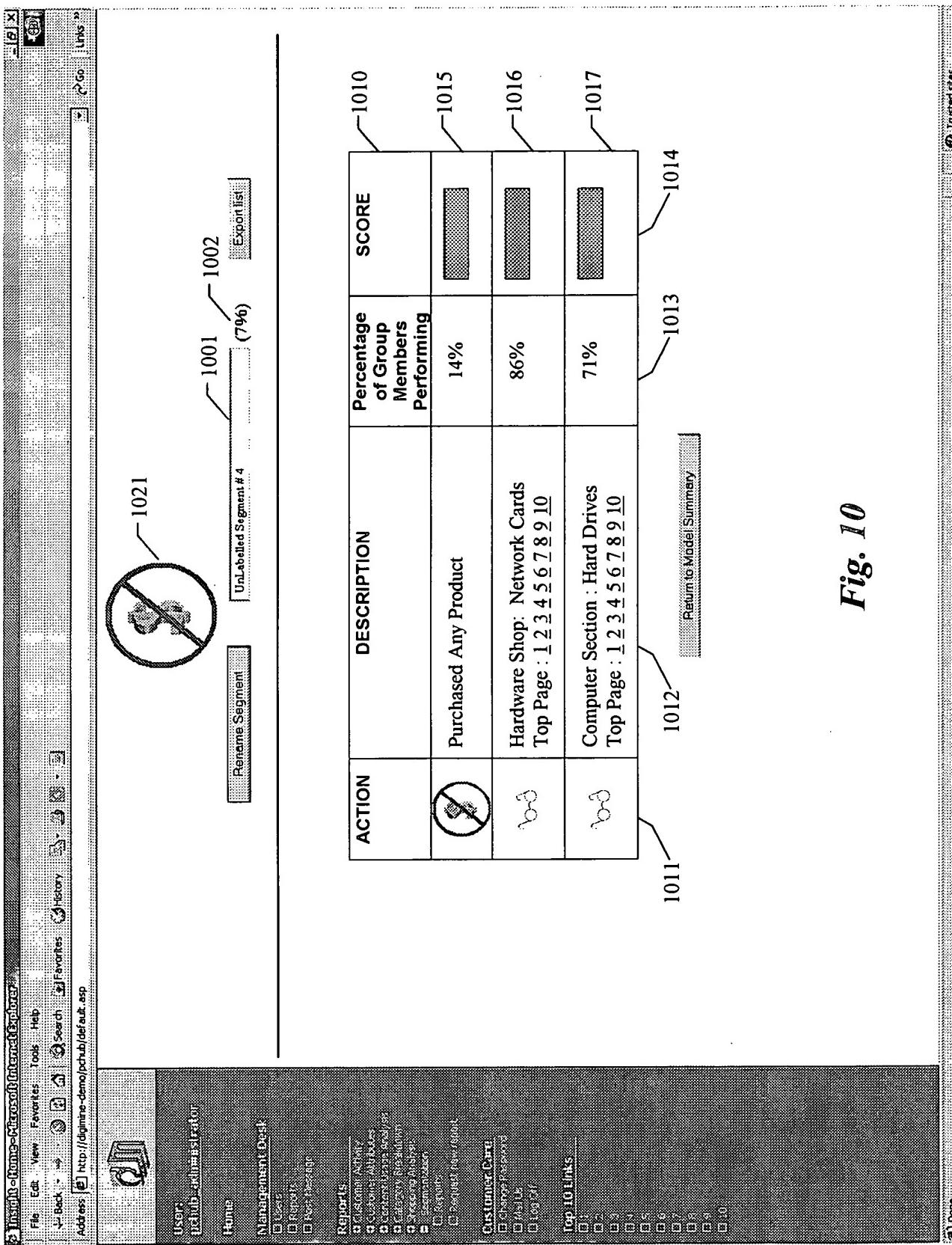


Fig. 10

The screenshot shows the homepage of the poHUB website. The header features the poHUB logo and navigation links for Home, Microsoft Internet Explorer, File, Edit, View, Favorites, Tools, Help, Back, Stop, Refresh, Address (with a demo URL), and History. A search bar is present. The main content area includes a banner for 'Satisfaction Guaranteed' with a phone number (1-888-442-5327) and a link to 'Links'. Below this is a section titled 'Usually Ships in 24-48 Hours @ Pre-Order @ Currently Backordered' featuring a 'SmartOne 56K Modem' and a 'Netgear FA310TX Fast Ethernet PCI Adapter'. A large circular graphic highlights a 'NETGEAR 10/100TX Fast Ethernet PCI Adapter with quick "one-step" installation' at '\$10 / \$20 off now!' with a 'Quick Buy' button. Another section, 'Top Products', lists items like the 'Linksys EtherFast 10/100 PC Card', '3Com Office Connect Hub 8/TPM 8 Port Network Hub', and '3Com Fast Ethernet XI PCI 10/100 TX NIC'. The footer contains legal information, a copyright notice (© Copyright 1999 poHUB All rights reserved. 1-888-442-5327), and a 'Fig. 11' label.

Fig. 11

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Fig. 12

The screenshot shows a Microsoft Internet Explorer window with the following details:

- Title Bar:** Microsoft Internet Explorer - Network card and Hard Drives NonBuyers (796)
- Menu Bar:** File, Edit, View, Favorites, Tools, Help
- Address Bar:** http://dgmine-demo/personal/default.asp
- Content Area:**
 - A large red circle with a slash over a user icon is labeled **1202 Rename Segment**.
 - A smaller red circle with a slash over a user icon is labeled **1201 Export list**.
 - The main content area displays a table titled "Network card and Hard Drives NonBuyers (796)".
 - Below the table is a link labeled "Raw into Model Summary".
- Left Sidebar:**
 - User: Pritish administrator
 - Home
 - Management Desk
 - Reports
 - Forums
 - Customer Care
 - Customer Support
 - Customer Feedback
 - Category Breakdown
 - Trend Analysis
 - Segmentation
 - Competitor Report
- Bottom Navigation:**
 - Customer Care
 - Change Password
 - Help
 - Logout
 - Top 10 Links
 - 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10

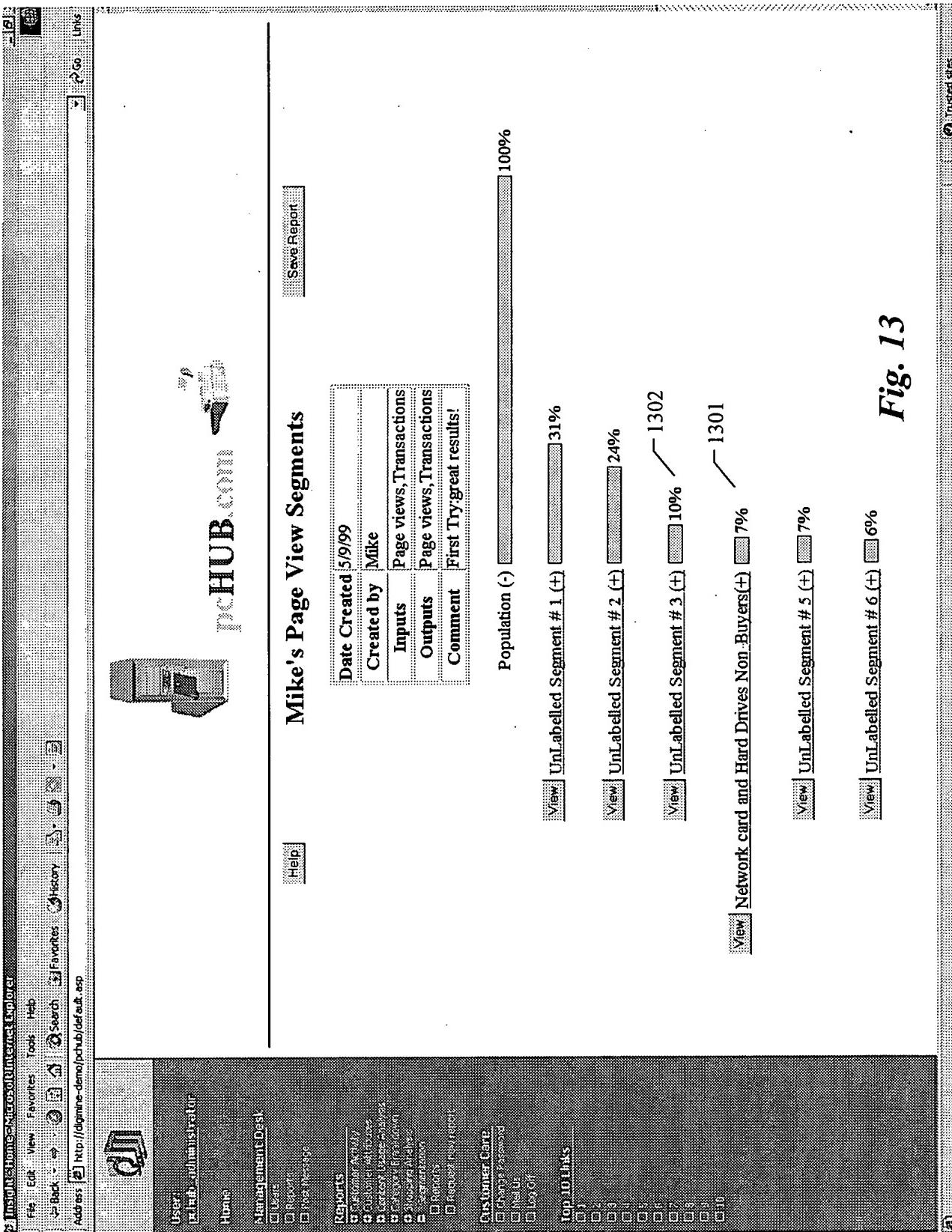


Fig. 13

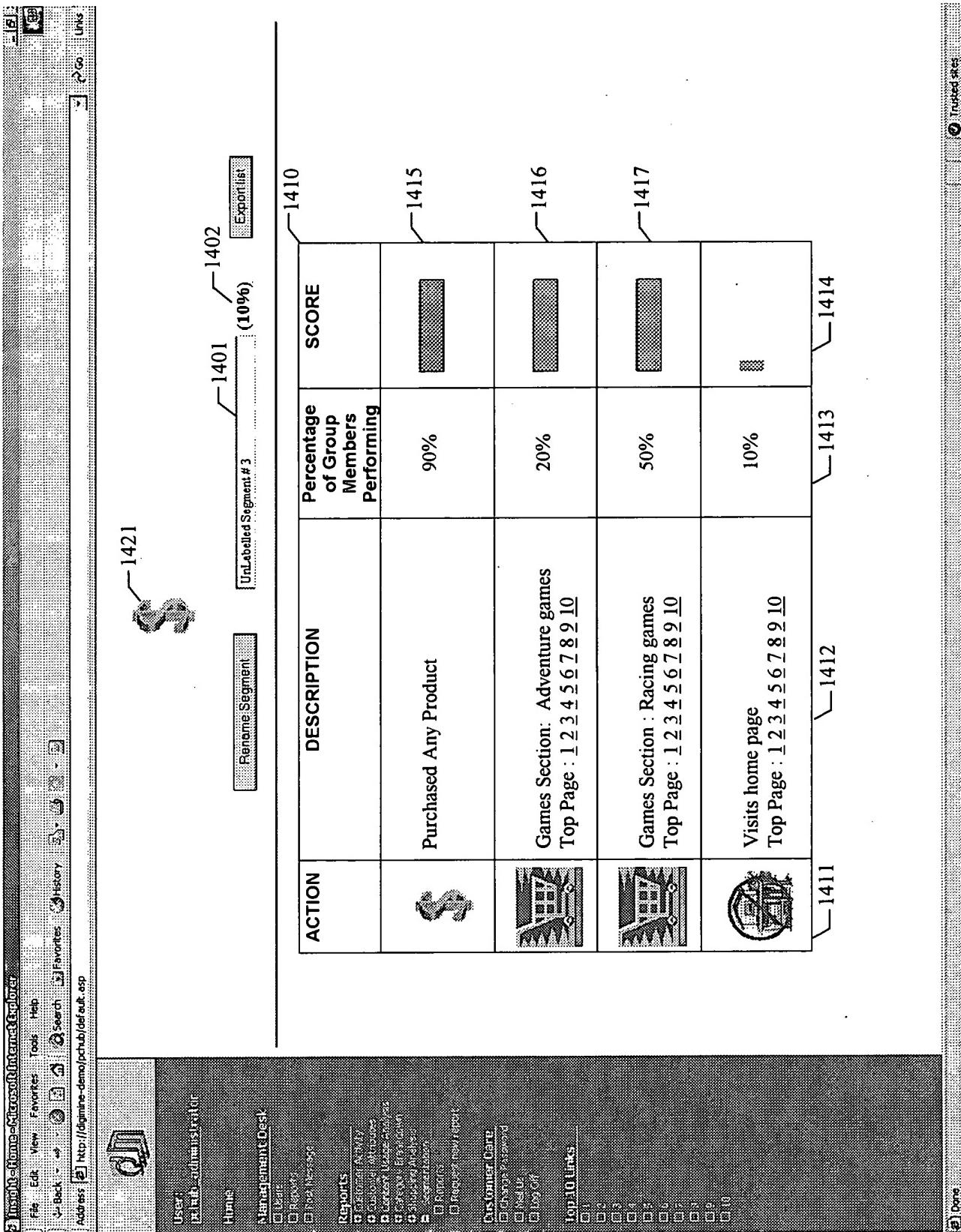


Fig. 14

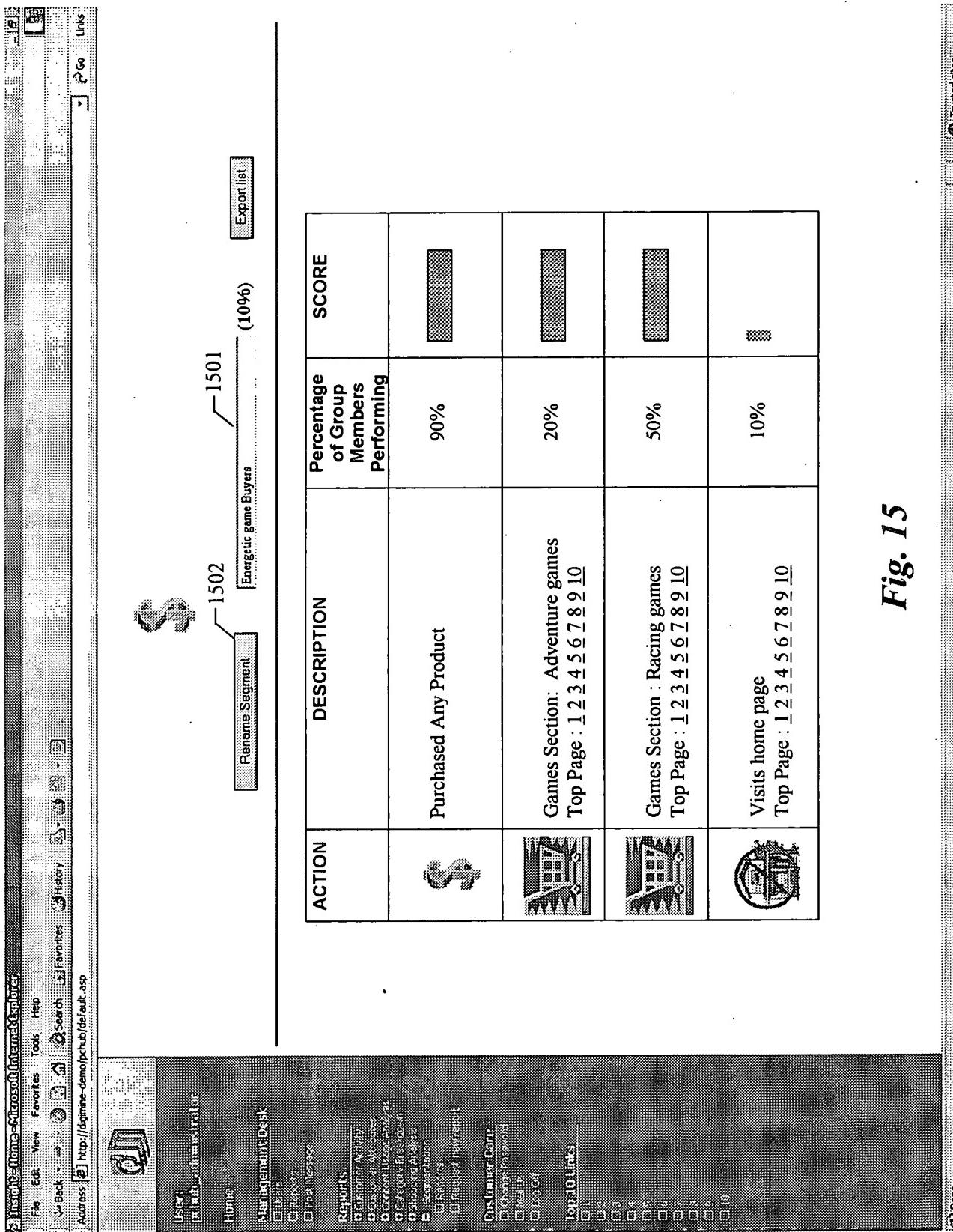


Fig. 15

The screenshot displays a web application interface with the following sections:

- User Administration:** Shows a list of users including "Mike" and "Administrator".
- Management Deck:** Includes sections for "Last", "Report", "Compose message", and "Network card and Hard Drives Non-Buyers(+)".
- Reports:** A sidebar with various report categories like "Customer Activity", "Customer Retention", "Customer Engagement", "Segment Analysis", "Reporting", and "Customer Segment".
- Help:** A link to the help section.
- Address Bar:** Displays the URL "http://flamee-demo/rchub/default.asp".
- Main Content Area:** The title "Mike's Page View Segments" is displayed above a table of data. The table has columns: Date Created, Created by, Inputs, Outputs, and Comment. The data rows are:
 - Date Created: 5/9/99, Created by: Mike, Inputs: Page views, Transactions, Outputs: Page views, Transactions, Comment: First Try great results!
 - Date Created: 5/9/99, Created by: Mike, Inputs: Page views, Transactions, Outputs: Page views, Transactions, Comment: First Try great results!
- Population:** A chart titled "Population (-)" showing 100%.
- Segments:** A list of segments with their respective percentages and counts:
 - View UnLabelled Segment # 1 (+) 31%
 - View UnLabelled Segment # 2 (+) 24%
 - View Energetic game Buyers (+) 10% 1601
 - View Network card and Hard Drives Non-Buyers(+) 7% 1601
 - View UnLabelled Segment # 5 (+) 6%
- Links:** A "top 10 Links" section showing various links with small preview icons.

Fig. 16

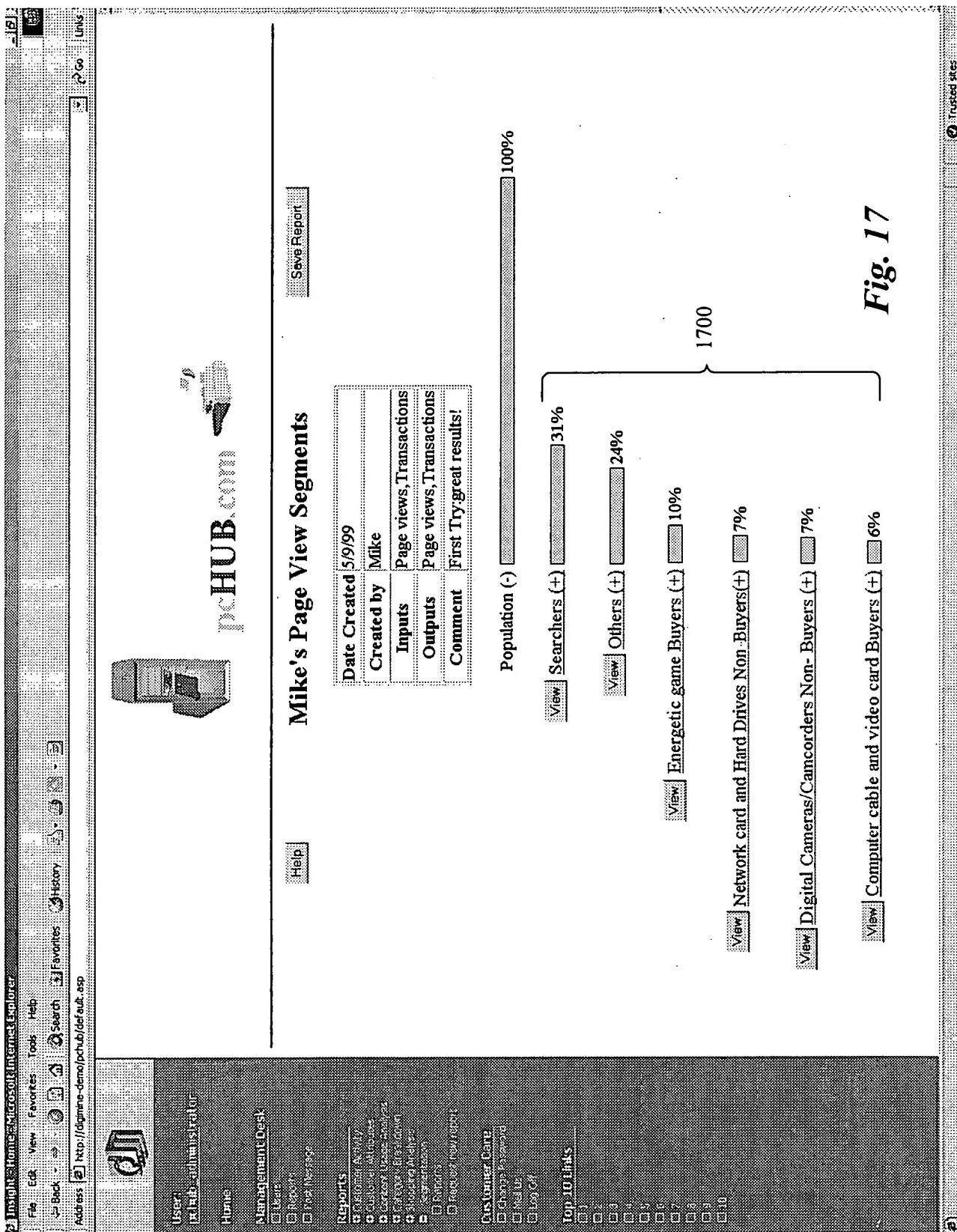


Fig. 17